

REMARKS

Reconsideration of the application is requested in view of the above amendments and the following remarks. Claims 1, 2 and 9 have been amended. Claims 1-15 are pending in the application. Support for the amendments to claim 1, 2 and 9 can be found at page 8, line 24 to page 9, line 11 and Figure 4 of the present application.

Claims 1-7, 9-11 and 13-15 were rejected under 35 U.S.C. § 102(e) as being anticipated by Ueda, U.S. 6,194,824. Applicant respectfully traverses this rejection.

Ueda discloses a configuration that allows each of the electron beams B and R to be located at the center of a four-pole magnetic field so as to elongate vertically or horizontally the cross-sectional shapes of the electron beams. However, Ueda fails to disclose a bipolar barrel magnetic field that act upon the electron beams, and no bipolar magnetic field actually acts upon beams B and R.

The magnetic pieces 23 and 24 disclosed by Ueda are part of a four-pole magnetic field that act on an electron beam, and thus cannot be independently treated as being in a bipolar arrangement. The bipolar magnetic field of claims 1, 2 and 9 is fundamentally different from a four-pole magnetic field disclosed by Ueda. One of ordinary skill in the art would not consider that a bipolar magnetic field is present in a four-pole magnetic field or that a four-pole magnetic field may include a bipolar magnetic field that acts on the electron beams.

The statement in section 6 of the Office Action that Ueda "discloses that a barrel magnetic field is formed between the two pairs of members" (column 3, lines 38-41) is an incorrect characterization of Ueda. Ueda is describing in this section a main deflection magnetic field formed by a deflection yoke and that a vertical deflection magnetic field is distorted in a

barrel shape. However, Ueda fails to disclose that a bipolar barrel magnetic field is formed between the magnetic pieces 23 and 24.

In practice, the color cathode ray tube of claims 1, 2 and 9 displaces the electron beam as a whole in an in-line direction using a localized bipolar barrel magnetic field. Ueda on the other hand, discloses a force acting in the four-pole magnetic field that does not displace the electron beam as a whole but simply elongates the electron beam vertically or horizontally. Furthermore, the present invention involves a correlation between the horizontal deflection magnetic fields and the localized bipolar magnetic fields. As the horizontal deflection magnetic fields are strengthened, localized bipolar magnetic fields are also strengthened so that a displacement amount as a whole also increases. Displacement of the electron beam as a whole is due to the presence of a bipolar magnetic field. In contrast, Ueda provides a configuration such that even if a horizontal deflection magnetic field 35 is strengthened, the electron beam is not displaced as a whole. This indicates that Ueda fails to disclose a bipolar magnetic field.

Thus, because Ueda fails to disclose a bipolar magnetic field, Ueda clearly fails to disclose a bipolar magnetic field that acts on an electron beam so as to displace the side beams as a whole in a direction parallel to the in-line plane, as required by claims 1, 2 and 9, and the claims that depend from them. Withdrawal of the rejection is respectfully requested.

Claims 8 and 12 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Ueda in view of Barten, U.S. 4,346,327. Applicant respectfully traverses this rejection.

As discussed above, Ueda fails to disclose every limitation of claims 2 and 9. Barten fails to remedy the deficiencies of Ueda as it relates to claim 2 and 9. Therefore, claims 8 and 12 are allowable for at least the reason they are dependent upon an allowable base claim. Applicant does not concede the correctness of this rejection.

In view of the above, Applicant requests reconsideration of the application in the form of a Notice of Allowance.

Respectfully submitted,

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